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DECLARATION	AND POWI	Attorn	ey Docket No.	MFL-001							
OF ATTORNEY	FOR CHIEF	TY First N	lamed Inventor	Friedl							
OR DE	SIGN		COMPLETE IF KNOWN								
PATENT APP	PLICATION	Applic	cation Serial Number	09/404,932	04,932						
☐ Declaration	Declaration	Filing	Date	99							
Submitted with St	ubmitted after Init	ial Group	Art Unit								
Initial Filing Fi	iling (surcharge	Exami	ner Name	Not yet assigned							
31	7 CFR 1.16(e) req	uired)									
As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name.											
		-	•		111111111111111111111111111111111111111						
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
Method And Apparatus For Modeling Injection of a Fluid in a Mold Cavity											
(Title of the Invention)											
the specification of which											
is attached hereto OR											
was filed on (MM/DD/YYYY)	Septem	ber 24, 1999	as United States Applic	cation Serial Numb	er or PCT International						
Application Number	09/404,932	and was ame	nded on (MM/DD/YYYY)	(if applicable).						
I hereby state that I have rev by any amendment specifica			of the above identified	specification, inclu	ding the claims, as amended						
1.56.					entability as defined in 37 CFR						
I hereby claim foreign priori					for patent or inventor's n the United States of America,						
listed below and have also id	dentified below, by	y checking the bo	ox, any foreign applicati	on for patent or inv	entor's certificate, or of any						
PCT international application Prior Foreign Application	on having a filing o	late before that o	f the application on whi Foreign Filing Date								
Number(s)	Co	untry	(MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO						
Additional foreign	application numb	ers are listed on	a supplemental priority	data sheet attached	hereto.						
I hereby claim the benefit ur	nder 35 U.S.C. 119	(e) of any Unite	d States provisional app								
Application Serial N	lumber(s)	Filing Da	ate (MM/DD/YYYY)		Additional manifestations						
				serial r	Additional provisional application serial numbers are listed on a						
					supplemental priority data sheet						

Declaration and Power of Attorney for Utility or Design Patent Application

Serial No.: 09/404,932 Atty. Docket No. MFL-001

Page 2 of 4

DECLARATION – Utility or Design Patent Application I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United

States or PCT International application	on in the manner provided by the first lefined in 37 CFR 1.56 which became	each of the claims of this application is paragraph of 35 U.S.C. 112, I acknowled available between the filing date of the	dge the duty to disclose information		
U.S. Parent Application of		Parent Filing Date	Parent Patent Number		
Serial Numb	er	(MM/DD/YYYY)	(if applicable)		
Additional U.S. or PCT internation	onal application numbers are listed on	a supplemental priority data sheet attacl	hed hereto.		
	t the following registered practitioner ewith: Customer Number OR	s to prosecute this application and to tran	Place Customer Number Bar Code Label Here		
	Registration		Registration		
Name	Number	Name	Number		
Steven M. Bauer	31,481	Thomas C. Meyers	36,989		
John V. Bianco	36,748	Joseph B. Milstein	42,897		
Isabelle A.S. Blundell	43,321	David G. Miranda	42,898		
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244		
Michael H. Brodowski	41,640	Edmund R. Pitcher	27,829		
Jennifer A. Camacho	43,526	Dianne M. Rees	45,281		
Joseph A. Capraro, Jr.	36,471	Michael A. Rodriguez	41,274		
John J. Cotter	38,116	R. Stephen Rosenholm	45,283		
John V. Forcier	42,545	Christopher W. Stamos	35,370		
Michael J. Giannetta	42,574	Joseph P. Sullivan	45,349		
Duncan A. Greenhalgh	38,678	Robert J. Tosti	35,393		
William G. Guerin	41,047	Thomas A. Turano	35,722		
Ira V. Heffan	41,059	Michael J. Twomey	38,349		
Danielle L. Herritt	43,670	Christine C. Vito	39,061		
Mi Kim	44,830	Patrick R.H. Waller	41,418		
Douglas J. Kline	35,574	Daniel A. Wilson	P-45,508		
John D. Lanza	40,060	Yin P. Zhang	44,372		
Timothy P. Linkkila	40,702		1 .,572		
Kurt W. Lockwood	40,704	İ			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Additional registered practition	oners named on supplemental Reg	istered Practitioner Information shee	et attached hereto.		
Direct all correspondence to:	Patent Administrator Testa, Hurwitz & Thibeaul High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	t, LLP			

Declaration and Power of Attorney for Utility or Design Patent Application Serial No. 09/404,932 Atty. Docket No. MFL-001 Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First	Inventor:									is unsig	gned	invento	-	
Given Na	me (firs	t and middle [if	any]))				F	amily	y Name or Surname				
Christian						Fried	l l							
Inventor's Signature									Date					
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Post Office Address	24 By	ways Drive												
P.O. Address (line 2)	City	Ringwood Ea	st	State	VICT	ORIA	ZII	•	31	35	T	Country		Australia
Additional inventor	s are be	ing named on th	ne	su	pplementa	l Addi	itional In	ventor(s	s) she	et(s) att	achec	hereto.		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor										or				
Given Name (first and middle [if any]) Fam								Famil	ily Name or Surname					
Franco Stephen	ephen Costa													
Inventor's Signature				·					Date					
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P.O. Address (line 2)	City	Preston	Sta	ite	VICTOR	RIA	ZIP	307	72		Cour	intry A		stralia
Name of Additional Jo	int Inve	entor, if any:					A petition	n has be	een fil	led for t	his u	nsigned	inve	ntor
	me (firs	t and middle [if	any])	·				F	amily	Name	or Su	ırname	,	
Peter Shane						Cook	·							
Inventor's Signature										Date				
Residence	City	Forest Hill	State	e V	ICTORIA	Y (Country	Au	strali	а	Citiz	enship	Au	stralian
Post Office Address	19 Ma	rong Terrace		•		•				<u>.</u>				
P.O. Address (line 2)	City	Forest Hill	State	e V	'ICTORIA	\	ZIP	313	31	Count	ry		Aus	tralia

Declaration and Power of Attorney for Utility or Design Patent Application Serial No. 09/404,932 Atty. Docket No. MFL-001 Page 4 of 4

Name of Additional Jo	oint Inv	entor, if any:			A petition has been filed for this unsigned inventor							
Given Na		T	Family Name or Surname									
Kapil				Talwar								
Inventor's Signature				Date								
Residence	City	Carlton	State	VICTOR	IA	Country	y Australi	a	Citizenship		Australian	
Post Office Address	11 Un	iversity Street	,								•	
P.O. Address (line 2)	City	Carlton	State	VICTOR	IA	ZIP	3053	053 Country			Australia	
Name of Additional Jo	oint Inv	entor, if any:				A petitic	on has been fil	led for	this un	nsigned	inventor	
Given Na	ıme (firs	st and middle [i	f any])		\Box		Family	/ Nam	e or Su	rname		
Leonid K.					Anta	anovskii						
Inventor's Signature	ventor's Signature										3/2000	
Residence	City	Ithaca	Stat	***	С	ountry	USA		Citizenship		Australian	
Post Office Address	-700 W	/arren Road, /	ър г. 15-2	* 106	Cas	juga	Par	.k	Roa	d		
P.O. Address (line 2)	City	Ithaca	Stat	te NY		ZIP	14850	Cour	Country		USA	

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DECLARATION AND FOWER Attorney Docket No. MFL-001 OF ATTORNEY POR UTILITY First Named Inventor Friedl **OR DESIGN COMPLETE IF KNOWN** 09/404,932 Application Serial Number PATENT APPLICATION September 24, 1999 Filing Date Declaration □ Declaration 2763 Submitted after Initial Group Art Unit Submitted with Not yet assigned Filing (surcharge Examiner Name Initial Filing 37 CFR 1.16(e) required)

As a below named inventor, I hereby declare that:											
My residence, post office address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
Method And Apparatus For Modeling Injection of a Fluid in a Mold Cavity											
(Title of the Invention)											
the specification of which											
is attached hereto OR											
was filed on (MM/DD/YYYY)	September 24, 1	999 as U	Jnited States Application	n Serial Number	or PCT International						
Application Number 09/4	04,932 and v	vas amended	on (MM/DD/YYYY)		(if applicable).						
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.											
I acknowledge the duty to disclo	ose to the Patent Office	all informat	ion known by me to be	material to paten	tability as defined in 37 CFR						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.											
Prior Foreign Application		F	Foreign Filing Date	Priority	Certified Copy Attached?						
Number(s)	Country		(MM/DD/YYYY)	Not Claimed	YES NO						
Additional foreign app	olication numbers are l	isted on a su	pplemental priority data	sheet attached h	ereto.						
I hereby claim the benefit under	35 U.S.C. 119(e) of at	ny United Sta	ates provisional applica	tion(s) listed belo	ow.						
Application Serial Num	ber(s) I	Filing Date (MM/DD/YYYY)	-							
				serial nu	nal provisional application mbers are listed on a ental priority data sheet hereto.						

Declaration and Power of Attorney for Utility or Design Patent Application Serial No.: 09/404,932 Atty. Docket No. MFL-001 Page 2 of 4

DECLARATION – Utility or Design Patent Application										
I hereby claim the benefit under 35 U United States of America, listed belo States or PCT International application which is material to patentability as C PCT international filing date of this a	S.C. 120 of any United S w and, insofar as the subje on in the manner provided lefined in 37 CFR 1.56 wh	tates applicated the control of the control of the first p	tion(s), or 365(c), of any PCT in each of the claims of this applica paragraph of 35 U.S.C. 112, I act	ternationa ition is no knowledge	I application designating the t disclosed in the prior United the duty to disclose information					
U.S. Parent Application of			Parent Filing Date		Parent Patent Number					
Serial Numb	er		(MM/DD/YYYY)	ļ.—-	(if applicable)					
Additional U.S. or PCT internati	onal application numbers a	are listed on	a supplemental priority data she	et attached	hereto.					
As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: OR Registered practitioner(s) name/registration number listed below										
	Registratio	n			Registration					
Name	Number		Name		Number					
Steven M. Bauer John V. Bianco Isabelle A.S. Blundell Maureen A. Bresnahan Michael H. Brodowski Jennifer A. Camacho Joseph A. Capraro, Jr. John J. Cotter John V. Forcier Michael J. Giannetta Duncan A. Greenhalgh William G. Guerin Ira V. Heffan Danielle L. Herritt Mi Kim Douglas J. Kline John D. Lanza Timothy P. Linkkila Kurt W. Lockwood	31,481 36,748 43,321 44,559 41,640 43,526 36,471 38,116 42,545 42,574 38,678 41,047 41,059 43,670 44,830 35,574 40,060 40,702 40,704		Thomas C. Meyers Joseph B. Milstein David G. Miranda Ronda P. Moore Edmund R. Pitcher Dianne M. Rees Michael A. Rodriguez R. Stephen Rosenholm Christopher W. Stamos Joseph P. Sullivan Robert J. Tosti Thomas A. Turano Michael J. Twomey Christine C. Vito Patrick R.H. Waller Daniel A. Wilson Yin P. Zhang		36,989 42,897 42,898 44,244 27,829 45,281 41,274 45,283 35,370 45,349 35,393 35,722 38,349 39,061 41,418 P-45,508 44,372					
Additional registered practiti	Patent Administ Testa, Hurwitz & High Street Tow 125 High Street Boston, MA 02 Tel. No.: (617) 2 Fax No.: (617) 2	rator & Thibeault ver 110 248-7000	<u> </u>	on sheet	attached hereto.					

Declaration and Power of Attorney for Utility or Design Patent Application Serial No. 09/404,932 Atty. Docket No. MFL-001 Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First I	or First Inventor:												
Given Na	me (first	and middle [if	anyl)	_				Fami	ly Name	or Su	rname		
Christian						Fried	I						
Inventor's Signature		a	8.	red					Date		17 h	eb 2000	
Residence	City	Ringwood Eas	it S	State	VICTO	ORIA	Count	ry A	ustrali	a C	Citizenshi	p Austrian	
Post Office Address	24 By	ways Drive											
P.O. Address (line 2)	City	Ringwood Eas	it S	State	VICTO)RIA	ZIP	3	135	\Box	Country	Australia	
Additional inventor	s are be	ing named on th	e	_ supp	lemental	Addit	tional Inven	tor(s) sh	eet(s) at	tached	l hereto.		
Name of Additional Jo					[] A [petition has	been file	d for th	is uns	igned inv	entor	
Given N	ame (fir	st and middle [if	`any])					Fam	ily Nam	e or S	urname		
Franco Stephen					 	Cos	ta					•	
Inventor's Signature	-	Frank		Vo.	zto]			Date />		FEB 2000	
Residence	City	Preston	State	e V	ICTOR	IA	Country	Austra	lia	Citiz	enship	Australian	
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P.O. Address (line 2)	City	Preston	State	e \	VICTOR	rIA	ZIP	3072		Cour	ntry	Australia	
Name of Additional Jo	int Inve	entor, if any:					A petition h	ias been	filed for	this u	nsigned i	nventor	
Given Na	me (firs	t and middle [if	any])					Fami	ly Name	or Su	ırname		
Peter Shane						Cook							
Inventor's Signature		Peter S	<u>, </u>	-00	k				Date		17 +	EB 2000	
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Post Office Address	19 Ma	rong Terrace											
P.O. Address (line 2)	City	Forest Hill	State	VI									

Declaration and Power of Attorney for Utility or Design Patent Application Serial No. 09/404,932 Atty. Docket No. MFL-001 . Page 4 of 4

Name of Additional Jo	of Additional Joint Inventor, if any:						A petition has been filed for this unsigned inventor								
Given Name (first and middle [if any])						Family Name or Surname									
Kapil						Talwar									
Inventor's Signature	Khahven						Date .					18 F	8 FEB 2000		
Residence	City	Carlton	State	e \	VICTORI	A	Countr	у	Australi	a	Citiz	enship	Australian		
Post Office Address	11 University Street														
P.O. Address (line 2)	City	Carlton	State	e '	VICTORI	A	ZIP		3053	Country			Australia		
Name of Additional Jo	int Inve	entor, if any:					A petiti	on ha	as been fil	ed for	this u	nsigned	inventor		
Given Na	me (firs	t and middle [i	f any	1)					Family	Name	or Su	ırname			
Leonid K.	\- <u></u> -					Anta	novskii								
Inventor's Signature										Date					
Residence	City	Ithaca	:	State	NY	C	ountry	US	SA		Citizenship		Australian		
Post Office Address	Address 700 Warren Road, Apt. 15-2F														
P.O. Address (line 2)	City	Ithaca		State	NY		ZIP	148	4850 Co		Country		USA		

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